

Comparisons of Job Characteristics

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)

Associated Occupation: Helpers--Extraction Workers (47-5081)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	9.9	10.2	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	8.8	15.7	>>	Current knowledge level is likely more than sufficient
Law and Government	5.9	8.5	13.5	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 57

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)

Associated Occupation: Helpers--Extraction Workers (47-5081)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	11.0	10.3	0	Current skill level may be sufficient
Equipment Maintenance	3.5	10.0	5.6	<<	Extensive development of skills in this area may be required
Repairing	3.4	10.0	5.0	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	10.0	0	Current skill level may be sufficient
Troubleshooting	4.5	9.2	7.5	<	A higher skill level may be required
Quality Control Analysis	5.9	8.9	6.2	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	7.7	6.1	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 73			
Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031) Associated Occupation: Helpers--Extraction Workers (47-5081)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	11.9	11.2	0	Current ability level may be sufficient
Reaction Time	4.8	11.8	12.3	0	Current ability level may be sufficient
Static Strength	5.0	11.4	8.2	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.2	8.4	<<	Extensive improvement in abilities may be required
Far Vision	7.8	11.1	9.7	<	Some improvement in abilities may be required
Depth Perception	5.3	10.6	9.7	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	10.0	8.4	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.2	6.0	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	7.7	4.5	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.8	5.8	<	Some improvement in abilities may be required
Peripheral Vision	2.2	5.6	3.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 94
Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031) Associated Occupation: Helpers--Extraction Workers (47-5081)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Charge blasting holes with explosives	82	
Detonate blasting charges for construction or extraction work	89	
Drill blasting holes	89	
Drive automobile, van, or light truck	53	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Move materials or goods between work areas	72	
Signal directions or warnings to coworkers	42	

Transport passengers or cargo	64
Use hand or power tools	2
Use hazardous materials information	35
Use two-way radio or mobile phone	42
Work as a team member	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031)
Associated Occupation: Helpers--Extraction Workers (47-5081)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.